HIGH-PRESSURE COCKS.

The above represents JENNINGS'S INDIA RUBBER TUBE COCKS in section, open and shut. Discarding the old Plug Cock. NO COCK AT THIS TIME MANUFACTURED, offering the same straight and uninterrupted passage as Jennings's.

When open they are as free as the Pipe, and when closed nothing can pass. They are warranted to remain sound under the greatest pressure for years, and a new piece of tube (if ever required) makes the Cock as good as new.

They are applicable for every purpose, and are warranted to resist acids, boiling water, and frost.

The NEW HOUSES OF PARLIAMENT have been fitted with JENNINGS'S FIRE-COCKS, and all the Gas Mains have JENNINGS'S GAS COCKS. By examining the sections above, it will be seen the Gas or Water is continued to the Tube, and cannot influence the working parts, consequently these Cocks can in all times be opened or closed with the greatest ease.

JENNINGS'S INDIA-RUBBER TUBE WATER CLOSETS have no PANS or VALVES to get out of order. When open the contents pass away direct through the India-rubber Tube, and when closed the escape of impure air is impossible. Every Closet is warranted for three years, and a new Tube (should it ever be required) makes a new closet.

These Closets were selected by Messrs. Fox, Henderson, and Co., IN PREFERENCE TO ALL OTHERS, for the CENTRAL REFRESHMENT COURTS of the Great Exhibition, and for their offices and workshops. They gave the greatest satisfaction, and produced the Testimonial published in J. Jennings's Circular.

Architects, Engineers, Builders, and Plumbers are invited to inspect JENNINGS'S LAVATORIES, CLOSETS, MAIN and BATH COCKS, at his factory, 29, Great Charlotte-street, Blackfriars-road.—Descriptive Drawings sent free.

JENNINGS' SHOP-SHUTTER SHOES do away with the unsightly shutter-bar, and are not half the expense. They can be had from any Ironmonger, or from the Patentee, at the above address.

TO WATER-COMPANIES AND PLUMBERS.

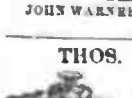
HIGH-PRESSURE COCKS and CLOSETS.

The Health of Towns Commissioners having recommended the adoption of the high-pressure principle in all towns, WARNER'S HIGH-PRESSURE COCK is recommended as a Cock free from leakage, and applicable for all purposes and situations. Patent Closets and Basins with supply-valve for attaching direct to main pipes without a cistern, sockets, or wipe.

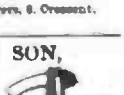
LEAD, IRON, and TIN PIPE.

JOHN WARNER and SONS, Manufacturers, 6, Crescent, Jewin-street, London.

THOS. LAMBERT and SON,



PATENTEES of the Flexible Diaphragm and High-pressure Valve Cocks,



Equilibrium Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead, and Composition Pipes.

SHORT-STREET, NEW CUT, LAMBETH, LONDON.

IMPROVED SLUICE COCKS for Water, Gas, or Steam,

brass-faced, and Sluices raised by square-thread, engine-turned Screw, working in Brass Nut, in every respect as good as can be manufactured, are offered at the following prices per inch:—

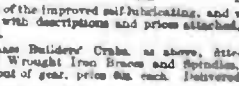
2 inch,	3 and 4-inch,	5 to 8-inch,	10 to 13-inch,
12s.	14s.	18s.	22s.

Lithographs of the improved self-lubricating, and various other constructions, with descriptions and prices attached, may be had on application.

Single purchase Builders' Cranes, as above, fitted with Two Handles, and Wrought Iron Brace and Spindles, with Gear to throw in and out of gear, price 6l. each. Delivered in London free.

BARRETT, EXALL, AND ANDREWES,
Kateorove Iron Works, Reading.

Agent in London.—DEANE, DRAY, and DEANE, where the above may be seen.



DRAIN PIPE WORKS.—T. SMITH,

71 & 73, PRINCES-STREET, LAMBETH, and ALBION POTTERY, OLD FORD, BOW.

Builders, Contractors, and others, are invited to judge for themselves as regards the quality, &c., of the SALT-GLAZED and GLASS-LINED DRAIN PIPES.—Drawings, with list of prices and terms, may be had upon application, or forwarded per post.

STEPHEN GREEN and CO.'S IMPROVED DRAIN PIPES,

GLAZED INSIDE.—WORKS, IMPERIAL POTTERIES, PRINCES-STREET, LAMBETH.

Common-shape Closet Pans, well glazed inside, 7s. 6d. each.
Extra, if fitted with the patent stoneware valve, by which the tray can be cleaned without extract through, 1s. 6d. each.

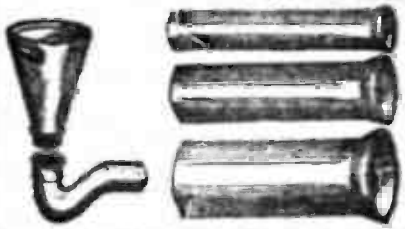
Various patterns of improved shapes always on hand.

Straight Tubes, Junctions, Bends, Curves, Elbows, Syphon-traps, Flap-valves, Urinals, Surface-drains and Ventilating Pipes always kept stock.

Manufacturers of the
PATENT SYPHON FLUSHING-BASIN, WITHOUT METAL SPREADER, WITH SELF-ACTING CLOSET CONNECTIONS. For illustrative drawings and testimonials, see Builder, May 31, 1851.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES,

BENDS, JUNCTIONS, TRAPS, &c., 29, HIGH STREET, LAMBETH, LONDON. Established 1721.
Water Closet Pans, with Syphon Traps, 7s. 6d. each.
STRAIGHT TUBES, with gasket Joints, in 3 feet lengths.



N.B. These are made without the flush-arm behind turned downwards.

The great advantages attending the use of these articles are now so generally understood, as to render any exemplification of them almost superfluous. Their cleanliness, efficiency, and economy are universally admitted; while the rapidly increasing demand for them proves their entire superiority over every other kind hitherto before the public for drainage purposes.

Inspection is invited to an assorted stock of Drain Tubes, of every form and size, adapted to the various purposes for which they may be required, as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze for evaporator and other manufactures of Messrs. Stone & Co.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's-acre, Westminster-bridge; City-road Wharf, City Basin; Deptford, Bermondsey; Denver's Wharf, foot of Battersea-bridge, Chelsea; Frost Wharf, King's-road, Camden New Town.
Drawings and List of Prices will be forwarded on application.

REGISTERED CLOSET PANS WITH STRAIGHT BACKS.

(No. 1318.)

DOULTON AND WATTS,

LAMBETH POTTERY, LONDON,

Offer these CLOSET PANS OF IMPROVED FORM WITH SYPHON TRAPS at the Price of the Common shaped Pans.

Price 7s. 6d. each.

A Liberal Discount allowed to Builders and Plumbers.

. The advantages of these Registered straight-back Pannis their greater CLEANLINESS.

N.B.—Patterns Nos. 1, 2, 3, and 4, as in former advertisements, manufactured as usual.

HENRY DOULTON AND CO.'S DRAIN PIPES IN GLAZED STONE WARE.

OFFICES—HIGH-STREET, LAMBETH, LONDON, and Granville-street Wharf, Broad-street, Birmingham.
MANUFACTORIES—HIGH-STREET, LAMBETH, LONDON; ROWLEY REGIS, STAFFORDSHIRE; AND SMETHWICK, NEAR BIRMINGHAM.

May also be had as follows:—

BIRMINGHAM	Granville-street Wharf.	LEICESTER	Messrs. J. and W. Jackson.
GLOUCESTER	Mr. Jesse Scudamore.	YORK	Mr. R. Varvill, Micklegate.
NORTHAMPTON	Messrs. Adkins and Greenhough.	WOLVERHAMPTON	Mr. R. Shelton.
WORCESTER	Messrs. Heyward and Son.	TAUNTON	Mr. Geo. Pollard.
COVENTRY	Mr. J. Alcock.	STRATFORD-ON-AVON	Messrs. J. Cox and Son.
CHELTENHAM	Mr. J. Hilward.	JERSEY	Mr. John Le Cras, Charing-cross.
LEAMINGTON	Mr. Chas. Nelson, Warwick-street.	WARWICK	Mr. C. Nelson, Emscote Mills Wharf.
DERBY	Messrs. Yeomlinson and Harper.		

STRAIGHT TUBES WITH SOCKET JOINTS from 1 inch to 24 inches in diameter. BENDS, JUNCTIONS, TRAPS, &c. OF EVERY DESCRIPTION. Drawings, with prices, &c., will be forwarded free on application as above.

JOHN DOULTON, Jun.,

ST. HELEN'S, LANCASHIRE.

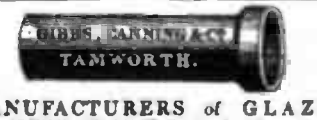
The most economical and efficient system of drainage is formed with

DOULTON'S STONE-WARE PIPES.

Testimonials as to their superiority have been received from the borough Engineers of Liverpool, Glasgow, and other cities.

FIRE-CLAY FLUE PIPES.
TERRA COTTA CHIMNEY TOPS, &c. &c.

WAREHOUSE, 72, SOHO-STREET, LIVERPOOL.



MANUFACTURERS of GLAZED STONEWARE PIPES,

Bends, Junctions, &c., also FIRE BRICKS, Vitrified Blue Bricks as used by her Majesty's Commissioners of Sewers, White Pipe Clay, Paving Bricks, &c., for Agents, CHARLES RICHARDSON, No. 4, South Wharf, Paddington, London; and Mr. W. RAWLINS, Bangor Wharf, Camden-town.

REDUCTION of PRICE in UNGLAZED DRAIN PIPES,

Manufactured by CHAS. FRANCIS and SONS, NINE ELMS.

The price in future will be,

6s. 6d.	per foot for the 3 inch bore		
6s. 8d.	"	4	"
6s. 3d.	"	6	"
7s. 6d.	"	9	"
10s. 6d.	"	12	"
15s. 6d.	"	15	"

These pipes are made under steam pressure, and burnt to great hardness, and are capable of bearing nearly double the hydraulic pressure of ordinary glazed pipes. The protective agencies red-ware is overcome by the manufacture. And it is well known that good earthenware, UNGLAZED, in the oldest materials discovered in a perfect state in Rome, Babylon, Nineveh, &c., &c.

Agent for Southampton, R. L. PLUDER, American Wharf.

PRIZE MEDAL awarded to PEAKE'S TERRO-METALLIC TILES, PIPES, &c.

ILLUSTRATED TRADE LISTS, containing much information useful for reference; also unsolicited testimonials respecting a MATERIAL which, when well wrought, is probably superior to every other for drains or conduits, for cisterns, baths, valleys, and every part of roofs, for chairs or chequered floors, for paving and erections, of a strong and durable nature, also many other purposes, supplied genuine by THOMAS PEAKE (proprietor of Peake's "Terro-Metallic"), No. 4, WHARF, CITY-ROAD BASIN, LONDON, and at THE TILERIES, TUNSTALL, STAFFORDSHIRE. The lists contain both prices by number, and approximate cost by measure. It is believed that before be prepaid, and some if flooded shire or London prices are wanted. Specimens were at the GREAT EXHIBITION, Class X., No. 128 (having been at Class No. 123).

FIRE-PROOF CONSTRUCTION.—

FOX and HARRETT'S PATENT.—The great importance of fire-proof construction is shown by the recently published returns of fires in London during the past year, by which it appears that there is a considerable increase as compared with former years, the number annually exceeding 1,000, or an average of three per day.

This result affords strong corroboration of a fact stated upon high authority, THAT NO BUILDING IN WHICH TIMBER JOISTS ARE USED IS PRACTICALLY SECURE FROM THE DANGER OF FIRE: and when to this fact it is added that timber is also liable to dry-rot and the ravages of insects and vermin, for which it affords a ready harbour, the main chief attribute from its extensive use will be sufficiently apparent.

It becomes, then, worth the attention of those who are interested in building, to inquire whether unexpired an unobjectionable material cannot be substituted for timber in the construction of floors, &c., without involving additional cost; and attention is invited to a number of buildings of all classes, either finished or in course of erection, upon the above improved system, in which joists, either of rolled or cast-iron, are substituted for timber, together with a solid supporting ceiling of concrete, adapted to receive a finished surface of floor or roof of any kind.

Among the buildings at present in progress in London on this system is the new GUY'S HOSPITAL, an extensive range, providing accommodation for 600 additional beds; and for buildings of this description and importance, as well as for private dwelling-houses, offices, warehouses, &c., it possesses very great advantages.

A detailed description of the system, estimates, and all further information, may be obtained on application to the Proprietors of the patent.

Mr. BARRETT, Iron Fort, and BARRETT, 18, York-buildings, Adelphi,

whom offices form part of a building erected on this principle, and where specimens of the rolled iron joists may be seen.

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